

Listing of the claims

1. - 101. (Cancelled)

102. (New) A method of pushing user data items from a messaging host system to a wireless mobile data device that is associated with a computer connected over a network to the messaging host system, the method comprising the steps of:

receiving an automatically generated notification at a redirector component indicating receipt of a user data item by the messaging host system, wherein the automatically generated notification is generated in response to receipt of the user data item at the messaging host system and wherein the user data item is addressed to a data store that is associated with the messaging host system and is viewable via the computer;

processing a copy of the user data item at the redirector component to add address information associated with the wireless mobile data device; and

sending the copy of the user data item from the redirector component to the wireless mobile data device over a wireless network.

103. (New) The method as recited in claim 102 wherein the redirector component is operating on the messaging host system.

104. (New) The method as recited in claim 102 wherein the redirector component is operating on a host system that is coupled to the messaging host system via the network.

105. (New) The method as recited in claim 102 wherein the processing step further comprises encrypting the copy of the user data item.

106. (New) The method as recited in claim 102 wherein the processing step further comprises compressing the copy of the user data item.

107. (New) The method as recited in claim 102 wherein the processing step further comprises encoding the copy of the user data item.

108. (New) The method as recited in claim 102 wherein the processing step further comprises encoding the copy of the user data item using Multipurpose Internet Mail Extensions.

109. (New) The method as recited in claim 102 wherein the user data item is an email.

110. (New) The method as recited in claim 102 wherein the data store address is an email mailbox at the messaging host system associated with a user of the computer and the wireless mobile data device.

111. (New) The method as recited in claim 102 wherein the step of sending the copy of the user data item from the redirector component to the wireless mobile data device over the wireless network further comprises sending the copy of the user data item via a wireless gateway disposed between a wide area network and the wireless network.

112. (New) The method as recited in claim 102 further comprising the step of storing the user data item at the data store associated with the messaging host system.

113. (New) A system for pushing user data items from a messaging host system to a wireless mobile data device that is associated with a computer connected over a network to the messaging host system, the system comprising:

means for receiving an automatically generated notification indicating receipt of a user data item by the messaging host system, wherein the automatically generated notification is generated in response to receipt of the user data item at the messaging host system and wherein the user data item is addressed to a data store that is associated with the messaging host system and is viewable via the computer;

means for processing a copy of the user data item to add address information associated with the wireless mobile data device; and

means for sending the copy of the user data item from to the wireless mobile data device over a wireless network.

114. (New) The system as recited in claim 113 wherein the means for processing further comprises means for encrypting the copy of the user data item.

115. (New) The system as recited in claim 113 wherein the means for processing further comprises means for compressing the copy of the user data item.

116. (New) The system as recited in claim 113 wherein the means for processing further comprises means for encoding the copy of the user data item.

117. (New) The system as recited in claim 113 wherein the means for processing further comprises means for encoding the copy of the user data item using Multipurpose Internet Mail Extensions.

118. (New) The system as recited in claim 113 wherein the user data item is an email.

119. (New) The system as recited in claim 113 wherein the data store address is an email mailbox at the messaging host system associated with a user of the computer and the wireless mobile data device.

120. (New) The system as recited in claim 113 wherein the means for sending the copy of the user data item from the redirector component to the wireless mobile data device over the wireless network further comprises means for sending the copy of the user data item via a wireless gateway disposed between a wide area network and the wireless network.

121. (New) The system as recited in claim 113 further comprising means for storing the user data item at the data store associated with the messaging host system.

122. (New) A computer-accessible medium having a sequence of instructions which, when executed by a processing entity, effectuate pushing of user data items from a messaging host system to a wireless mobile data device that is associated with a computer connected over a network to the messaging host system, the computer-accessible medium comprising:

a code portion for receiving an automatically generated notification indicating receipt of a user data item by the messaging host system, wherein the automatically generated notification is generated in response to receipt of the user data item at the messaging host system and wherein the user data item is addressed to a data store that is associated with the messaging host system and is viewable via the computer;

a code portion for processing a copy of the user data item to add address information associated with the wireless mobile data device; and

a code portion for sending the copy of the user data item to the wireless mobile data device over a wireless network.

123. (New) The computer-accessible medium as recited in claim 122 wherein the code portion for processing further comprises a code portion for encrypting the copy of the user data item.

124. (New) The computer-accessible medium as recited in claim 122 wherein the code portion for processing further comprises a code portion for compressing the copy of the user data item.

125. (New) The computer-accessible medium as recited in claim 122 wherein the code portion for processing further comprises a code portion for encoding the copy of the user data item.

126. (New) The computer-accessible medium as recited in claim 122 wherein the code portion for processing further comprises a code portion for encoding the copy of the user data item using Multipurpose Internet Mail Extensions.

127. (New) The computer-accessible medium as recited in claim 122 wherein the user data item is an email.

128. (New) The computer-accessible medium as recited in claim 122 wherein the data store address is an email mailbox at the messaging host system associated with a user of the computer and the wireless mobile data device.

129. (New) The computer-accessible medium as recited in claim 122 wherein the code portion for sending the copy of the user data item from the redirector component to the wireless mobile data device over the wireless network further comprises a code portion for sending the copy of the user data item via a wireless gateway disposed between a wide area network and the wireless network.